CBSE | DEPARTMENT OF SKILL EDUCATION WEB APPLICATIONS (SUBJECT CODE - 803)

Blue Print of Sample Question Paper for Class XII (Session 2025-2026)

Max. Time: 3 Hours Max. Marks: 60

PART A - EMPLOYABILITY SKILLS (10 MARKS):

UNI T NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS 1 MARK EACH	SHORT ANSWER TYPE QUESTIONS 2 MARKS EACH	TOTAL QUESTIONS
1.	Communication Skills-IV	1	1	2
2.	Self-Management Skills-IV	2	1	3
3.	ICT Skills-IV	1	1	2
4.	Entrepreneurial Skills-IV	1	1	2
5.	Green Skills-IV	1	1	2
TOTAL QUESTIONS		6	5	11
N(D. OF QUESTIONS TO BE ANSWERED	Any 4	Any 3	07
	TOTAL MARKS	1 x 4 = 4	$2 \times 3 = 6$	10 MARKS

PART B - SUBJECT SPECIFIC SKILLS (50 MARKS):

Chapter	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS 1 MARK EACH	SHORT ANS. TYPE QUES I 2 MARKS EACH	SHORT ANS. TYPE QUES II 3 MARKS EACH	DESCRIPTIVE / LONG ANS. TYPE QUESTIONS 4 MARKS EACH	TOTAL QUESTIONS
1	Emerging Trends	6	2	1	-	9
2	JavaScript Part 2	10	3	1	2	16
3	Graphic Designing using Canva and Adobe Express	8	-	1	1	10
4	Cyber Safety and Security	8	1	-	2	11
TOTAL QUESTIONS		32	6	3	5	46
NO. OF QUESTIONS TO BE ANSWERED		26	Any 3	Any 2	Any 3	34
TOTAL MARKS		1 x 26= 26	$2 \times 3 = 6$	$3 \times 2 = 6$	4 x 3 = 12	50 MARKS

CBSE | DEPARTMENT OF SKILL EDUCATION

WEB APPLICATION (SUBJECT CODE -803)

Sample Question Paper for Class XII (Session 2025-2026)

Max. Time: 3 Hours Max. Marks: 60

General Instructions:

- 1. Please read the instructions carefully.
- 2. This Question Paper consists of **25 questions** in two sections Section A & Section B.
- 3. Section A has Objective type questions whereas Section B contains Subjective type questions.
- 4. Out of the given (6 + 19 =) 25 questions, a candidate has to answer (6 + 11 =) 17 questions in the allotted (maximum) time of 3 hours.
- 5. All questions of a particular section must be attempted in the correct order.
- 6. SECTION A OBJECTIVE TYPE QUESTIONS (30 MARKS):
 - This section has 06 questions.
 - There is no negative marking.
 - Do as per the instructions given.
 - Marks allotted are mentioned against each question/part

7. SECTION B - SUBJECTIVE TYPE QUESTIONS (30 MARKS):

- This section contains 19 questions.
- A candidate has to do 11 questions.
- Do as per the instructions given.
- Marks allotted are mentioned against each question/part.

SECTION A: OBJECTIVE TYPE QUESTIONS

Q. 1	Answer any 4 out of the given 6 questions on Employability Skills (1 x 4 = 4 marks)	
i.	Sofia is focused and motivated as she prepares to appear for her entrance exams, her day starts very early and she goes on working through late hours at night, however she finds herself feeling tired and unorganized. What may help her the most?	1
	a) Healthy diet b) A holiday with family c) Yoga d) Adequate sleep	
ii.	In an online meeting, the speaker is addressing a group of people, she has a problem with the audio and no one can hear her clearly. When the speaker asks them questions no one tells her that she is not audible. The meeting does not produce the outcome desired due to lack of: (a) motivation b) interest c) feedback d) skills	1
iii.	Statement 1: The default layout of a LibreOffice Impress slide has two textboxes — one for the title and other for text. Statement 2: To add numbers in LibreOffice Calc Spreadsheet, we use Add() function. a) Both the Statements are True b) Statement1 is True, Statement 2 is False c) Statement1 is False, Statement 2 is True d) Both the Statements are False	1
iv.	Naima is extremely shy and has difficulty in meeting people, she also shows signs of anxiety, self-doubt and depression. Which one of the five parameters that describe an individual's personality is she showing? a) Consciousness b) Extraversion c) Neuroticism d) Agreeableness	1
v.	Which one of the following is not a characteristic of entrepreneurship? a) It is an economic activity done to create, develop and maintain a profitoriented organization. b) It deals with optimisation in utilization of resources. c) It avoids any kind of risk in business d) It is the ability of an enterprise and an entrepreneur to take risks.	1
vi.	According to the United Nations Environment Program (UNEP), green jobs or green collar jobs contribute substantially to preserving or restoring: a) Large Businesses b) Human Population c) Human rights d) Environmental quality	1
Q. 2	Answer any 5 out of the given 7 questions. $(1 \times 5 = 5 \text{ marks})$	
i.	Which of the following is not a service provided by Cloud? a) Storage b)Databases c) Wi-fi d) Software	1
ii.	Which of the following is a limitation of Cloud Computing? a) Scalability b) Flexibility c) Vendor Lock-in d) Cost Savings	1

iii.	Biren lives in a remote village near Solan and cultivates mushrooms. He is active on social media where he showcases his mushroom production and has many loyal customers. Which of the following is the benefit of this medium? a)Cheaper Cost b) Direct Connect to Customers c)Analytics d) All of these	1
iv.	Which of the following is an example of Edge Computing a) Internet banking b)Emails c) Autonomous Vehicles d) Social Media	1
v.	The primary purpose of an operating system is: a) To make the most efficient use of the computer hardware b) To allow people to use the computer c) To keep systems programmers employed d) To make computers easier to use	1
vi.	Which of the following statements is NOT true about Machine Learning? a) It is a method of data analysis using computer algorithms that automates analytical model building b) Artificial Intelligence is a branch of Machine Learning c) There are 7 basic steps in Machine learning d) Deep understanding of the human genome	1
vii.	 Which of the following is not true for slice() method in strings? a) This method extracts a part of a string and returns the extracted part in a new string. b) The method takes 2 parameters- start index, and end index (end index is not included). c) It can also take a negative index. d) If you give single index it will extracts the string character at that index only. 	1
Q. 3	Answer any 6 out of the given 7 questions. $(1 \times 6 = 6 \text{ marks})$	
i.	In JavaScript an interpreter in the reads over the JavaScript code. a) editor b) browser c) compiler d) application	1
ii.	Which of the following is a Logical operator? a)!= b)! c)% d)%=	1
iii.	What will typeof(null) return/output? a) Null b) None c) Object d) Number	1
iv.	Statement1: Only templates can be used for graphic designing in Canva. Statement2: In Canva templates are only available for videos. a) Both the Statements are True b) Statement1 is True, Statement 2 is False c) Statement1 is False, Statement 2 is True d) Both the Statements are False	
v.	Why is it important to be mindful of your digital footprint? a) It helps you track your online activity for personal insights. b) It can have long-term consequences in various aspects of your life. c) It allows companies to offer you more relevant online services. d) It is essential for maintaining a large network of online connections.	1
vi.	method joins all array elements into a string. a) join() b) concat() c) slice() d) toString()	1

vii.	var x= Math.ceil(0.1) +Math.floor(0.1)					
	What is the value of x?					
	a)0 b)1 c)1.1 d)0.2					
Q. 4	Answer any 5 out of the given 6 questions. $(1 \times 5 = 5 \text{ marks})$					
i.	Which of the following statements is not true for Canva?	1				
	1. It is easy to use					
	2. Cannot work in Canva without a license					
	3. It is Versatile					
	4. Your work will not be saved automatically					
	a) 4. only b) 2. and 3. c) 2. and 4. d) 2. only					
ii.	In, the email is received from a forged email address but it appears to be	1				
	from some authentic source.					
	a) Email Spoofing b) Email Forging					
	c) Email harassment d) Email targeting					
iii.	In Adobe Express we can generate extraordinary text effects and images	1				
	instantly from just a description with a) Adobe Firefly generative AI					
	b) Adobe Spark generative AI					
	c) Creative Cloud Express AI					
	d) Adobe AI Express					
iv.	In Canva, all designs, images, files, favorites, purchases, items shared with you,	1				
	and folders are available in in the Object Panel					
	a) Apps b) Uploads c) Files d) Projects					
v.	Which of the following statements is not true for splitting a video.	1				
	a) We can split a video into two parts each time.b) We can split a video several times.					
	c) After splitting a video, we can add a transition between the two parts.					
	d) Splitting can only be done from the beginning and end of a video.					
	a) - F 6 5 6 5 6 6 6					
vi.	Statement1: Canva does not allow multiple users to collaborate on a single	1				
	design.					
	Statement2: Once you trim a video, the trimmed part is hidden and not					
	deleted.					
	a) Both the Statements are Trueb) Statement1 is True, Statement 2 is False					
	c) Statement1 is False, Statement 2 is True					
	d) Both the Statements are False					
Q. 5	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)					
i.		1				
1.	In Adobe Express from the Left panel, select to add Photos or Videos.	1				
	a) Library b) Media c) Frames d) Images					
ii.	Which of the following is NOT an example of an IPR?	1				
	a) Copyright b) Trademark					
	c) Patent d) Trade secret					
		l				

iii.	What is the primary goal of a phishing attack?a) To spread malware and harm computer systems.b) To steal personal information such as passwords, credit card details, or login	1
	credentials. c) To disrupt website traffic and cause service outages. d) To promote a specific product or service.	
	TATILISIS IN A STATE OF THE CONTRACT OF THE CO	4
iv.	Which is the new penal code of the country replacing the Indian Penal Code, 1860 (IPC)? a) New IPC b) Bharatiya Nyaya Sanhita c) Bhavishya Nyaya Sanhita d) Bharatiya Nyaya Adhiniyam	1
V.	In Canva uses AI technology to find the beats in a song. a) Beat Sync b) Audio Effects c) Adjust d) Magic Beats	1
vi.	Your best friend asks you to share your login information for a social media platform because they want to see your private messages. What should you do? a) Share your username and password with your friend. b) Explain that sharing passwords is risky and suggest they create their own account. c) Pretend you forgot your password to avoid sharing it. d) Open your social media handle on their device	1
Q. 6	Answer any 5 out of the given 6 questions. (1 x 5 = 5 marks)	
i.	var z= 7&&-9	1
	What is the value of z? a)0 b)false c)7 d)-9	
ii.	Which event is triggered upon selecting an element with the mouse? a) onchange b)onclick c) onload d)onmouseover	1
iii.	Which function in JavaScript is used to check if something is a number or not? a)NaN() b)isNaN() c)parseInt() d) isInt()	1
iv.	Attacks that aim to disrupt the normal functioning of a website or server by overwhelming it with traffic, making it unavailable to legitimate users are called attacks.	
	a) Ransomware b) Data Breach c) Denial of Service d) Hacking	
v.	What happens when a user changes the content of a textbox in the following? <input onchange="myFunction()" type="text"/> a) The user enters the content in the text box. b) The user gets a message to change the content. c) The function myFunction() gets invoked. d) The user cannot change the content.	1
vi.	You see someone constantly posting mean comments about another student on social media. What should you do?	1
	a) Join the conversation and add your own negative comments.b) Report the cyberbullying to a teacher or trusted adult.c) Ignore the situation and hope it goes away on its own.d) Start posting unrelated comments to divert attention.	

SECTION B: SUBJECTIVE TYPE QUESTIONS

Q. 7	How sh	hould t	he messa	ige be conv	eyed fo	or effect	tive communication?	2
Q. 8	Explair	n the tv	wo types	of motivati	on also	give ar	n example of each.	2
Q. 9	Civen th	ne tahle	helow v	write the st	tens to	filter H	ome Theatre from Item column.	2
Į. 9								
		Nanager Nartha	SalesMan Alexander	Item Television	Units 95	1,198.00	50	
		lermann	Shelli	Home Theater	50	500.00		
		lermann	Luis	Television	36	1,198.00		
		imothy	David Stephen	Cell Phone Television	27 56	225.00	_	
		imothy Iartha	Alexander	Home Theater	60	1,198.00 500.00		
		1artha	Steven	Television	75	1,198.00		
		lermann	Luis	Television	90	1,198.00		
		ouglas Aortho	Michael	Television	32	1,198.00	-	
		lartha Iermann	Alexander Sigal	Home Theater Television	60 90	500.00 1,198.00	1	
		Martha	Diana	Home Theater	29	500.00		
)ouglas	Karen	Home Theater	81	500.00	1	
		Martha	Alexander	Television	35	1,198.00		
		ouglas Martha	John	Desk Video Games	2	125.00	-	
		lartha Iermann	Alexander Sigal	Video Games Home Theater	16 28	58.50 500.00	1	
		1artha	Alexander	Cell Phone	64	225.00	1	
)ouglas	Karen	Cell Phone	15	225.00		
		lermann	Shelli	Video Games	96	58.50		
		ouglas	John Karen	Television	67	1,198.00		
		ouglas imothy	David	Video Games Home Theater	74 46	58.50 500.00	-	
<u>)</u> . 10	What a	re the	barriers	to entrepr	eneursl	nip?		2
Q. 10 Q. 11							ollution levels.	2
). 11	List fou	ır way:	s in daily	life to che	ck the r	ising po	ollution levels. 50 words each (2 x 3 = 6 mark	2
). 11 An	List for swer any Identif a) b) c)	y 3 out fy the o Name: Age=1 Status	s in daily t of the g datatypes "Priyanl 7 =true	life to chec	estions	ising po	50 words each (2 x 3 = 6 mark	xs)
). 11 An:). 12	Identifa) b) c) d) Explai	y 3 out fy the c Name: Age=1 Status Distant	s in daily t of the graduate o	life to chece iven 6 que s of the foll ka" e","White"	estions owing v	ising po	50 words each (2 x 3 = 6 mark	2 (3)
An:	Identifa) b) c) d) Explaia a) b)	y 3 out fy the o Name: Age=1 Status Distantin the f promp	s in daily t of the g datatypes "Priyanl 7 =true ace=["Blu following ot()	life to chece iven 6 que s of the foll ka" e","White" built in fur	estions owing v	ising point in 20 -	· 50 words each (2 x 3 = 6 mark	2 2 2
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2. 11 Ans 2. 12 2. 13	Identifa) b) c) d) Explaia) b) What i What x=Ma y=Ma z=Ma	fy the constant of the constan	datatypes ="Priyanl 7 =true ice=["Blu following ot() int() difference e the outp	life to check iven 6 quests of the folka" e","White" built in further to the folka in further to the	estions owing v "Red"] nctions Artificia ollowin	ising point in 20 - variable with a lintellinate lintelli	es: help of an example:	2
). 11	Identifal a) b) c) d) Explaial a) b) What i	y 3 out fy the c Name: Age=1 Status Distant In the f promp parsel is the c th.ma th.ma th.ce ment.	datatypes ="Priyanl 7 =true ace=["Blu ollowing ot() (ant()) difference e the outp	life to check iven 6 questiven 6 questiven 6 questiven 6 questiven 6 the following with the following but of the following the f	estions owing v "Red"] nctions Artificia ollowin	ising point in 20 - variable with a lintellinate lintelli	es: help of an example:	2 2 2 2

Q. 17	Give two benefits of Cloud Computing.	2
An	swer any 2 out of the given 3 questions in 30–90 words each (3 x 2 = 6 mark	ks)
Q. 18	What is an Operating System? Explain Real Time Operating System	3
Q. 19	What are events in JavaScript? Give an example of an event.	3
Q. 20	What is Graphic Designing? Give any four ways where Graphic designing is used.	3
Ans	wer any 3 out of the given 5 questions in 30– 100 words each (4 x 3 = 12 max)	rks)
Q. 21 a)	<pre>Write the output of the following codes: <!DOCTYPE html> <html> <body> <script> Msg='We will do this better This time' document.write(Msg.replace('This',"Next") ," document.write(Msg.match("This") ," document.write(Msg.length ," document.write(Msg.length ," document.write(Msg.toUpperCase()) </script> </body> </html></pre>	4
b)	<pre><!DOCTYPE html> <html> <body> <script> document.write(Math.ceil(-2.45)," document.write(Math.pow(2,3)," document.write(Math.pow(2,3)," document.write(Math.max(5*-2,6/3,4**2)," document.write(Math.floor(Math.random())) </script> </body> </html></pre>	
Q. 22	a) What is the difference between splitting, cutting and trimming a video?b) Write the steps to split a video in Adobe Express.	4
Q. 23	a)You receive a message with a link from an unknown number claiming to be your school office staff and asking you to confirm your bank account information due to some problems with your payment. What type of cybercrime is this and what will you do?	4
	b) You're working on a school project and find a website that offers free research papers on your chosen topic. Is it okay to download and use the entire paper for your project?	

Q. 24	Write a short note on the following:	4
Q. 25	a) Write a program with a function sortnum() which takes 3 parameters and sorts 3 numbers in ascending order. Take user input for the 3 numbers.b) Differentiate between pop() and shift() methods.	4